

## WHAT IS CLAIMED IS:

- 1 1. A method of retrieving information comprising:  
2 assigning concept labels to documents contained in a  
3 collection;  
4 receiving a query;  
5 converting the query to a query concept; and  
6 mapping the query concept to a concept label.
- 1 2. The method of claim 1 in which assigning comprises  
2 parsing the documents automatically with a grammar.
- 1 3. The method of claim 1 in which the concept label  
2 represents a general notion.
- 1 4. The method of claim 1 in which the query is a text query  
2 received from a user.
- 1 5. The method of claim 1 in which assigning comprises:  
2 spidering the collection;  
3 matching features contained in each of the documents to a  
4 store of concepts; and  
5 storing document location indicators for each matched  
6 concept.
- 1 6. The method of claim 5 in which the documents are  
2 HyperText Markup Language (HTML) files.
- 1 7. The method of claim 6 in which the document location  
2 indicators are Universal Resource Identifiers (URLs).
- 1 8. The method of claim 1 in which converting comprises  
2 applying a store of grammar rules to the query.

1 9. The method of claim 8 in which the grammar rules map text  
2 to concepts.

1 10. The method of claim 1 further comprises generating a list  
2 of the mapping.

1 11. The method of claim 10 in which the list represents  
2 locations of documents.

1 12. The method of claim 11 in which the locations are  
2 Universal Resource Identifiers (URLs).

1 13. A method of document retrieval comprising:  
2 assigning concept labels to documents contained in a  
3 collection according to grammar rules;  
4 receiving a query;  
5 converting the query to a query concept using the grammar  
6 rules; and  
7 mapping the query concept to a concept label.

1 14. The method of claim 13 in which assigning comprises  
2 parsing the documents automatically with the grammar rules.

3 15. The method of claim 13 in which the query is received  
4 from a user.

1 16. The method of claim 15 further comprising:  
2 generating a list of the mapped query concepts; and  
3 displaying the list to the user on an input/output  
4 device.

1 17. A computer program residing on a computer-readable medium  
2 comprising instructions for causing a processor to:  
3 assign concept labels to documents contained in a  
4 collection;

5       receive a query;  
 6       convert the query to a query concept; and  
 7       map the query concept to a concept label.

1   18. The computer program of claim 17 further comprising  
 2   instructions for causing the processor to:  
 3       generate a list of the map.

1   19. A computer program residing on a computer-readable medium  
 2   comprising instructions for causing a processor to:  
 3       assign concept labels to documents contained in a  
 4   collection according to grammar rules;  
 5       receive a query;  
 6       convert the query to a query concept using the grammar  
 7   rules; and  
 8       map the query concept to a concept label.

1   20. The computer program of claim 19 further comprising  
 2   instructions for causing the processor to:  
 3       generate a list of the mapped query concepts; and  
 4       display the list to a user on an input/output device.